

**CONTRACT CHANGE ORDER MEMORANDUM**

DATE: 11/17/2011 Page 1 of 1

TO: Tony Anziano, Program Manager /			FILE: <b>E.A.</b> 04 - 0120F4	
FROM: Kannu Balan, Senior TE			<b>CO-RTE-PM</b> SF-80-13.2/13.9	
			<b>FED. NO.</b>	
CCO#: <b>64</b>	SUPPLEMENT#: <b>1</b>	Category Code: <b>CHPA</b>	CONTINGENCY BALANCE (incl. this change) <b>\$144,666,259.58</b>	
COST: <b>\$18,453.00</b> INCREASE <input checked="" type="checkbox"/> DECREASE <input type="checkbox"/>			HEADQUARTERS APPROVAL REQUIRED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
SUPPLEMENTAL FUNDS PROVIDED: <b>\$0.00</b>			IS THIS REQUEST IN ACCORDANCE WITH ENVIRONMENTAL DOCUMENTS? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
<b>CCO DESCRIPTION:</b> Tower Strut Facades and Cross Bracing			<b>PROJECT DESCRIPTION:</b> CONSTRUCT SELF-ANCHORED SUSPENSION BRIDGE	
Original Contract Time: <b>2490</b> Day(s)	Time Adj. This Change: <b>0</b> Day(s)	Previously Approved CCO Time Adjustments: <b>501</b> Day(s)	Percentage Time Adjusted: (including this change) <b>20</b> %	Total # of Unreconciled Deferred Time CCO(s): (including this change) <b>3</b>

**THIS CHANGE ORDER PROVIDES FOR:**

Modifying the Tower strut facades and cross bracing including adjusting the strut façade grating support, revising the connection between the cross bracing and spherical bushing bearings, using closed cell backer rod in lieu of expandable polyurethane foam filler, and revising the shear tabs on Skin D at Strut Façade Type A in Lift 4.

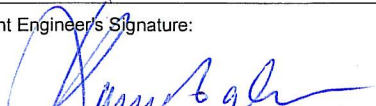
The Strut Façade grating support is adjusted to remove interference with the 8mm weld of the Built-up channel. The tower cross bracing connection needs to be modified due to the pipe spacers and boss plates interfering with the retainer ring and M16 bolts during installation. The polyurethane foam needed to be trimmed back after it had set, which would have caused poor caulk adhesion. The shear tabs on Skin D are orientated perpendicular to the direction of movement, therefore modifications are needed to weaken the connection and minimize impact to the design movement.

This change order resolves the costs associated with Contractor Request for Information (RFI) numbers 183R1, 188R0, 188R1, 316R0, 316R1, 1140, 1932, and TC-RFI-0152R0 with respect to changes listed above.

The total cost of this change order is \$18,453.00, which can be financed from the contingency fund. A detailed cost analysis is on file. The cumulative total of CCO 64S0 and CCO 64S1 is \$18,453.00.

No time adjustment is warranted as this change order does not affect the controlling operation.

This change order has concurrence from Peter Siegenthaler (Principal TE), Rick Morrow (Sup. BE), Lina Ellis (Maintenance), and Wenyi Long (Bridge Design).

<b>CONCURRED BY:</b>			<b>ESTIMATE OF COST</b>		
Construction Engineer: PCE, Pete Siegenthaler, Prin TE	Date	9/16/10	THIS REQUEST		TOTAL TO DATE
Bridge Engineer: Rick Morrow, Sup BE	Date	9/16/10	ITEMS	(\$3,390.00)	(\$3,390.00)
Project Engineer: CT Oversight, Wenyi Long, P.E.	Date	9/20/10	FORCE ACCOUNT	\$0.00	\$0.00
Project Manager:	Date		AGREED PRICE	\$0.00	\$0.00
FHWA Rep.:	Date		ADJUSTMENT	\$21,843.00	\$21,843.00
Environmental:	Date		<b>TOTAL</b>	<b>\$18,453.00</b>	<b>\$18,453.00</b>
Other (specify): Struct. Maint, Lina Ellis	Date	11/17/11	<b>FEDERAL PARTICIPATION</b>		
Other (specify):	Date		<input type="checkbox"/> PARTICIPATING <input type="checkbox"/> PARTICIPATING IN PART <input checked="" type="checkbox"/> NONE <input type="checkbox"/> NON-PARTICIPATING (MAINTENANCE) <input type="checkbox"/> NON-PARTICIPATING		
District Prior Approval By:	Date		FEDERAL SEGREGATION (if more than one Funding Source or P.I.P. type)		
HQ (Issue Approve) By:	Date		<input type="checkbox"/> CCO FUNDED PER CONTRACT <input type="checkbox"/> CCO FUNDED AS FOLLOWS		
Resident Engineer's Signature:	Date		FEDERAL FUNDING SOURCE    PERCENT		
 <div style="text-align: right;">11-18-11</div>			_____		
			_____		
			_____		